

## **Drinking Water Exposure Assessment Associated with the Use of Direx 4L® Herbicide on Citrus**

July 12, 2002

### Background

Diuron (3-[3,4-dichlorophenyl]-1,1-dimethylurea) is the active ingredient in Direx 4L® herbicide (Direx). Griffin L.L.C., the registrant for diuron, is working with Landis International (Landis) for product registration support for Direx. Landis has asked Waterborne Environmental, Inc. (Waterborne) to assist in characterizing the risk to drinking water sources associated with the use of Direx 4L herbicide on citrus in Southern Florida Flatwoods (MLRA 155).

Activities being performed by Waterborne include the spatial integration of information on surface water sources for drinking water in the Southern Florida Flatwoods relative to citrus production and soil runoff potential. This information can be used to characterize the relative vulnerability of surface water supplies to diuron exposure.

### Citrus Production in the Southern Florida Flatwoods

Commercial citrus acreage in Florida was estimated at approximately 832,500 acres in 2000 (FL DACS, 2002). The geographical distribution by county is presented in Figure 1.

The Southern Florida Flatwoods (MLRA 155) encompasses approximately 54,570 square miles in central Florida (Figure 2) and corresponds roughly to the geographical boundary of commercial citrus production. The primary exceptions are the high citrus production areas along the South Central Florida Ridge (MLRA 154) and the Southern Florida Lowlands (MLRA 156B).

Counties identified as having citrus production in the Southern Florida Flatwoods are listed in Table 1. The table includes the county name, county FIPS code, total county area, the portion of the county in MLRA 155, and a comparison of citrus acreage using three sources of information. The sources are discussed below:

- Information obtained from the Florida Department of Agriculture and Consumer Services (FL DACS) reflects county-level estimates last updated October 2000 (FL DACS, 2002). This information is believed to be the most accurate account of citrus acreage in the State.
- Land use imagery was also obtained from the Florida Department of Environmental Protection (FL DEP, 2002) as three separate shape files representing the three water management districts in the Southern Florida Flatwoods. The Southern Florida Water Management District (SFWMD) and the Saint Johns River Water Management District (SJRWMD) data are from 1995, and the Southwest Florida Water Management District land use data are from 1999. The scale of the land use data is 1:40,000, and the projection is Albers Equal Area Conic. Counties having area within the Southern Florida Flatwoods were selected and exported to a separate data layer. Land uses identified as citrus groves (SFWMD and SJRWMD) or tree crops (SWFWMD) were exported to create a single citrus-only data layer (Figure 3). This database provides a relatively detailed spatial resolution of citrus production. Acreage estimates compare favorably to the FL DACS estimates with the exception of St. Lucie County.
- The National Resources Inventory (NRI) was included in this analysis to characterize soils used to

produce citrus including their relative runoff potential. The NRI is a national survey of land use updated every five years. Data presented herein is from the 1992 survey (USDA, 1994a). Results from the 1997 have recently been made available, but could not be readily processed for this evaluation. Citrus is not a unique land use category in the NRI, but is represented within NRI land use 001 ("Fruit"). Each NRI point is identified spatially at the county, MLRA, and zip code level and identified by soil type. Appendix A contains the acreage and soil properties for NRI survey points surveyed as fruit production in MLRA 155. This acreage compares less favorably to the FL DACS estimates, particularly for DeSoto, Indian River, and Lake counties.

#### Soils Used for Citrus Production in the Southern Florida Flatwoods

The National Resource Inventory (NRI) was used to identify candidate soils that best represent citrus production in the Southern Florida Flatwoods (MLRA 155). "Fruit" (land use code 001) was used as a land use category to identify candidate corn soils because citrus is not a unique land use category in the NRI. Candidate soils were then ranked by runoff potential (Appendix A). Soil properties used to assess runoff potential were obtained from the U.S. Department of Agriculture's soil property database, SOILS5 (USDA, 1994b). Hydrologic Soil Group (USDA, 1972) was used as the primary ranking criteria, in which "D" soils were ranked above "C" soils, etc. Sand content (low to high) was used as a secondary ranking. Average organic matter (high to low), average slope (high to low), and soil series name (ascending) were used for subsequent ranking. Soil series name was included as a final tiebreaker so that multiple NRI entry points of the same series would be clustered together.

Soils classified as high runoff potential (Hydrologic Soil Group D) represent approximately 3.5 percent of the fruit production in the Southern Florida Flatwoods. Hydrologic Soil Groups C/D, C, B/D, and B represent approximately 3.0, 9.4, 71.9, and 0.2 percent of fruit production in the MLRA. Soils classified as having low runoff potential (Hydrologic Soil Group A) represent 11.8 percent of fruit acreage in the MLRA.

#### Surface Water Supplies in Florida

Very few public water supplies rely on surface water in the state of Florida. Ground water accounts for 90 percent of public-supply water in Florida (USGS, 1990). The locations of individual drinking water supplies relying on surface water in the Southern Florida Flatwoods (Figure 3) were identified from a variety of sources, including the Florida Department of Environmental Protection (FL DEP, 2002); the U.S. Environmental Protection Agency (USEPA, 1990; 1999; 2002), and the U.S. Geological Survey (1990). Sources were cross-referenced in an attempt to obtain a comprehensive list.

Intakes are identified by facility name in Table 2 and Figure 4. Although efforts were made to screen for surface water supplies, some facilities are identified by name as well fields, indicating that these facilities may rely on combination ground water and surface water resources. Based on a preliminary analysis of Figures 3 and 4, surface water sources with the highest density of citrus appear to be the Peace River, Shell Creek, and Fordham Waterways in De Soto and Charlotte Counties. Citrus areas outside of the Southern Florida Flatwoods (e.g., in the South Central Florida Ridge, MLRA 154) may also be in the contributing watersheds of these drinking water supplies.

#### Conclusions and Recommendations

- The Southern Florida Flatwoods (MLRA 155) comprise much of the citrus production in the State of Florida. Significant production also occurs along the South Central Florida Ridge (MLRA 154) and the Southern Florida Lowlands (MLRA 156B).

- Very little acreage of this acreage resides on high runoff potential soils. Hydrologic Soil Group D, C/D, and C represent 3.0, 3.0, and 9.3 percent of fruit production in the MLRA. The majority of citrus acreage resides on Hydrologic Soil Group B/D. This soils classification behaves as a D soil unless a suitable drainage exists on site. Anthropogenic alteration of this land to facilitate agriculture (ditches, canales, etc.) renders the behavior as a B soil.
- Ground water accounts for 90 percent of public-supply water in Florida (USGS, 1990). Fifty-five surface water supplies were identified as potentially impacted by land use activities in the Southern Florida Flatwoods (MLRA 155) and adjacent areas in the South Central Florida Ridge (MLRA 154) and the Southern Florida Lowlands (MLRA 156B). Many of these intake locations are identified as having the same facility/source name, identification number, and/or similar latitude/longitude indicating either potential duplicate entries or multiple withdrawals from the same location.
- Surface water sources with the highest density of citrus in their upstream watersheds appear to be the Peace River, Shell Creek, and Fordham Waterways in De Soto and Charlotte Counties. Citrus areas outside of the Southern Florida Flatwoods (e.g., in the South Central Florida Ridge, MLRA 154) may also be in the contributing watersheds of these drinking water supplies.
- Conclusions cannot be drawn about the likelihood of diuron residues in these drinking water supplies without verifying intake locations and better characterization of watershed composition and diuron use.

## References

1. Florida Department of Environmental Protection (FL DEP), 2002a. GIS GeoData. Land Use Data by Water Management District. <http://www.dep.state.fl.us/gis/datadir.asp> (updated May 2 2002).
2. Florida Department of Environmental Protection (FLDEP), 2002b. Drinking Water Basic Facility Reports. <http://www.dep.state.fl.us/water/drinkingwater/bfr.htm> (updated May 2 2002).
3. Florida Department of Agriculture and Consumer Services (FL DACS), 2002. Florida Agricultural Statistics: Citrus Summary 2000-01. Published January 2002.
4. U.S. Department of Agriculture (USDA), 2002. Southeast Major Land Resource Areas. National Resource Conservation Service. <http://www.nrcs.usda.gov/technical/land/mlra/mlrase.html> (verified July 12, 2002).
5. U.S. Department of Agriculture (USDA), 1994a. 1992 National Resources Inventory: Soil Conservation Service.
6. U.S. Department of Agriculture (USDA), 1994b. Soil Property Database, SOILS5: Soil Conservation Service.
7. U.S. Department of Agriculture (USDA), 1972. National Engineering Handbook, Section 4, Hydrology: Soil Conservation Service, pp 71-72.
8. U.S. Environmental Protection Agency (USDA), 2002. Safe Drinking Water Information System (SDWIS), Local Drinking Water Information. <http://www.epa.gov/safewater/dwinfo/fl.htm> (updated June 11, 2002)

9. U.S. Environmental Protection Agency (USEPA), 1999. BASINS, Version 2.0, January 1999. Region 4. U.S. EPA Office of Water, Office of Science and Technology. EPA-823-C-98-006.
10. U.S. Environmental Protection Agency (USEPA), 1990. Drinking Water Supply (DWS) File. Automated database developed by USEPA Office of Water.

TABLE 1. Citrus-Producing Counties in Southern Florida Flatwoods (MLRA 155)

County	FIPS	County Area (acres)	MLRA 155 (acres)	MLRA/ County (%)	Citrus Estimate by County						Citrus Estimate by MLRA in County			
					FL DACS (2002) (acres)	FL DACS (2002) (%)	FL DEP (2002) (acres)	FL DEP (2002) (%)	NRI (1994a) (acres)	NRI (1994a) (%)	FL DEP (2002) (acres)	FL DEP (2002) (%)	NRI (1994a) (acres)	NRI (1994a) (%)
Alachua	12,001	576,940	200,500	34.8	0	0.0	97	0.0	3,500	0.6	76	0.0	3500	1.7
Brevard	12009	637,062	291,200	45.7	10,045	1.6	12,101	1.9	9,600	1.5	8,097	2.8	9,600	3.3
Charlotte	12015	441,612	431,300	97.7	21,756	4.9	27,105	6.1	20,800	4.7	27,105	6.3	20,800	4.8
Collier	12021	1,276,224	416,900	32.7	35,302	2.8	40,984	3.2	53,500	4.2	34,667	8.3	48,300	11.6
DeSoto	12027	406,867	404,000	99.3	71,781	17.6	80,495	19.8	40,400	9.9	80,495	19.9	40,400	10.0
Glades	12043	488,300	483,100	98.9	10,506	2.2	12,808	2.6	8,000	1.6	12,808	2.7	8,000	1.7
Hardee	12049	407,968	406,400	99.6	53,115	13.0	60,721	14.9	66,400	16.3	60,721	14.9	66,400	16.3
Hendrv	12051	744,012	666,900	89.6	99,437	13.4	121,078	16.3	127,200	17.1	120,007	18.0	127,200	19.1
Highlands	12055	658,310	423,000	64.3	78,132	11.9	87,962	13.4	45,300	6.9	36,553	8.6	2,700	0.6
Hillsborough	12057	673,830	527,100	78.2	26,223	3.9	33,437	5.0	54,800	8.1	17,877	3.4	48,400	9.2
Indian River	12061	318,118	112,200	35.3	60,293	19.0	81,088	25.5	98,300	30.9	27,377	24.4	20,700	18.4
Lake	12069	610,790	30,800	5.0	20,101	3.3	34,760	5.7	121,200	19.8	611	2.0	2,200	7.1
Lee	12071	513,952	496,500	96.6	11,594	2.3	14,863	2.9	14,800	2.9	14,821	3.0	14,800	3.0
Manatee	12081	478,163	469,600	98.2	23,254	4.9	27,420	5.7	21,800	4.6	27,372	5.8	21,800	4.6
Martin	12085	355,001	217,000	61.1	44,746	12.6	59,123	16.7	63,800	18.0	19,303	8.9	21,700	10.0
Okeechobee	12093	493,113	476,100	96.5	12,170	2.5	14,968	3.0	16,800	3.4	11,230	2.4	6,400	1.3
Orangee	12095	582,713	421,600	72.4	8,095	1.4	24,887	4.3	21,700	3.7	4,468	1.1	5,400	1.3
Osceola	12097	863,795	843,300	97.6	15,273	1.8	22,537	2.6	30,500	3.5	19,066	2.3	27,100	3.2
Palm Beach	12099	1,275,590	209,800	16.4	10,090	0.8	20,105	1.6	20,800	1.6	515	0.2	2,200	1.0
Pasco	12101	472,224	84,900	18.0	10,897	2.3	14,783	3.1	35,100	7.4	1,412	1.7	1,800	2.1
Polk	12105	1,166,803	614,100	52.6	101,484	8.7	128,758	11.0	139,300	11.9	15,437	2.5	44,400	7.2
Sarasota	12115	366,809	357,500	97.5	2,321	0.6	3,844	1.0	3,200	0.9	3,844	1.1	3,200	0.9
Seminole	12117	190,739	137,000	71.8	1,378	0.7	2,861	1.5	8,100	4.2	2,608	1.9	5,900	4.3
St. Lucie	12111	371,840	239,700	64.5	98,899	26.6	133,717	36.0	94,500	25.4	14,037	5.9	32,100	13.4
Volusia	12127	712,198	664,100	93.2	1,430	0.2	4,390	0.6	1,000	0.1	4,388	0.7	1,000	0.2

FL DACS (2002) = Commercial citrus acreage updated October 2000

FL DEP (2002) = Land use dated 1999 and 1995 and designated as "citrus grove" or "tree crop" depending on Water Management District

NRI (1994a) = Land use 001 (fruit)

TABLE 2. Surface Water Intakes in Southern Florida Flatwoods (MLRA 155)

County	Facility Name	FRDS	DWS	BASINS
BREVARD	-----	FL3051447		
BREVARD	LAKE WASHINGTON	FL3051447		
BREVARD	MELBOURNE FILT PLANT	FL3051447		
BREVARD	PALM BAY, CITY OF			
BREVARD	WEST MELBOURNE WATER SYSTEM			
BROWARD	FIVEASH WATER WORKS	FL4060487		
BROWARD	P.O.DIXIE WATER WKS	FL4060487		
BROWARD	PROSPECT LK (EMER)	FL4060487		
CHARLOTTE	FORDHAM FILT PLANT	FL6142734		
CHARLOTTE	FORDHAM WATERWAY	FL6142734		
CHARLOTTE	MYAKKAHATCHEE CREEK	FL6142734		
CHARLOTTE	NORTHPORT FILT PLANT	FL6142734		
CHARLOTTE	PEACE R FILT PLANT	FL6142734		
CHARLOTTE	PEACE RIVER	FL6142734		
CHARLOTTE	SHELL CREEK	FL5080051		
CHARLOTTE	TREATMENT PLANT	FL5080051		
COLLIER	MAN MADE LAKE	FL5110183		
COLLIER	TREATMENT PLANT	FL5110183		
HENDRY	LAKE OKEECHOBEE	--		
HENDRY	TREATMENT PLANT	--		
HIGHLANDS	LAKE SIRENA	FL5280286		
HIGHLANDS	TREATMENT PLANT	FL5280286		
HILLSBOROUGH	-----	FL6290327		
HILLSBOROUGH	CITY WELLS (3%)	FL6290327		
HILLSBOROUGH	HILLSBOROUGH RIVER	FL6290327		
HILLSBOROUGH	TAMPA FILT PLANT	FL6290327		
HILLSBOROUGH	WELL TREATMENT PLT	FL6290327		
LEE	CALOOSAHATCHEE RIVER	FL5360102		
LEE	CALOOSAHATCHEE RIVER	FL5360170		
LEE	FT MYERS PUMP STATIO	FL5360102		
LEE	OLGA FILTER PLANT	FL5360170		
MANATEE	BRADENTON FILT PLANT	FL6410182		
MANATEE	COUNTY FILTER PLANT	FL6411132		
MANATEE	LAKE MANATEE	FL6411132		
MANATEE	WARD LAKE	FL6410182		
OKEECHOBEE	LAKE OKEECHOBEE	FL4470257		
OKEECHOBEE	BET-HER ACRES			
OKEECHOBEE	RIVERBEND TRAILER PARK			
OKEECHOBEE	TREATMENT PLANT	FL4470257		
PALM BEACH	LAKE OKEECHOBEE	FL4500105		
PALM BEACH	LAKE OKEECHOBEE	FL4501023		
PALM BEACH	OKEECHOBEE LAKE	FL4500258		
PALM BEACH	CLEAR LAKE	FL4501559		
PALM BEACH	FILT PLT	FL4500773		
PALM BEACH	INFILT GAL OSBURN L.	FL4500773		
PALM BEACH	LAKE OKEECHOBEE	FL5260297		
PALM BEACH	TREATMENT PLANT	FL4500105		
PALM BEACH	TREATMENT PLANT	FL4500258		
PALM BEACH	TREATMENT PLANT	FL4501023		
PALM BEACH	TREATMENT PLANT	FL5260297		
PALM BEACH	W PALM BCH FILT PLT	FL4501559		
PINELLAS	COSME WELL PLANT	--		
PINELLAS	COSME WELLFIELD	--		
PUTNAM	SULPHUR SPRING	--		
PUTNAM	TREATMENT PLANT	FL2540862		

# Commercial Citrus Acreage 2000

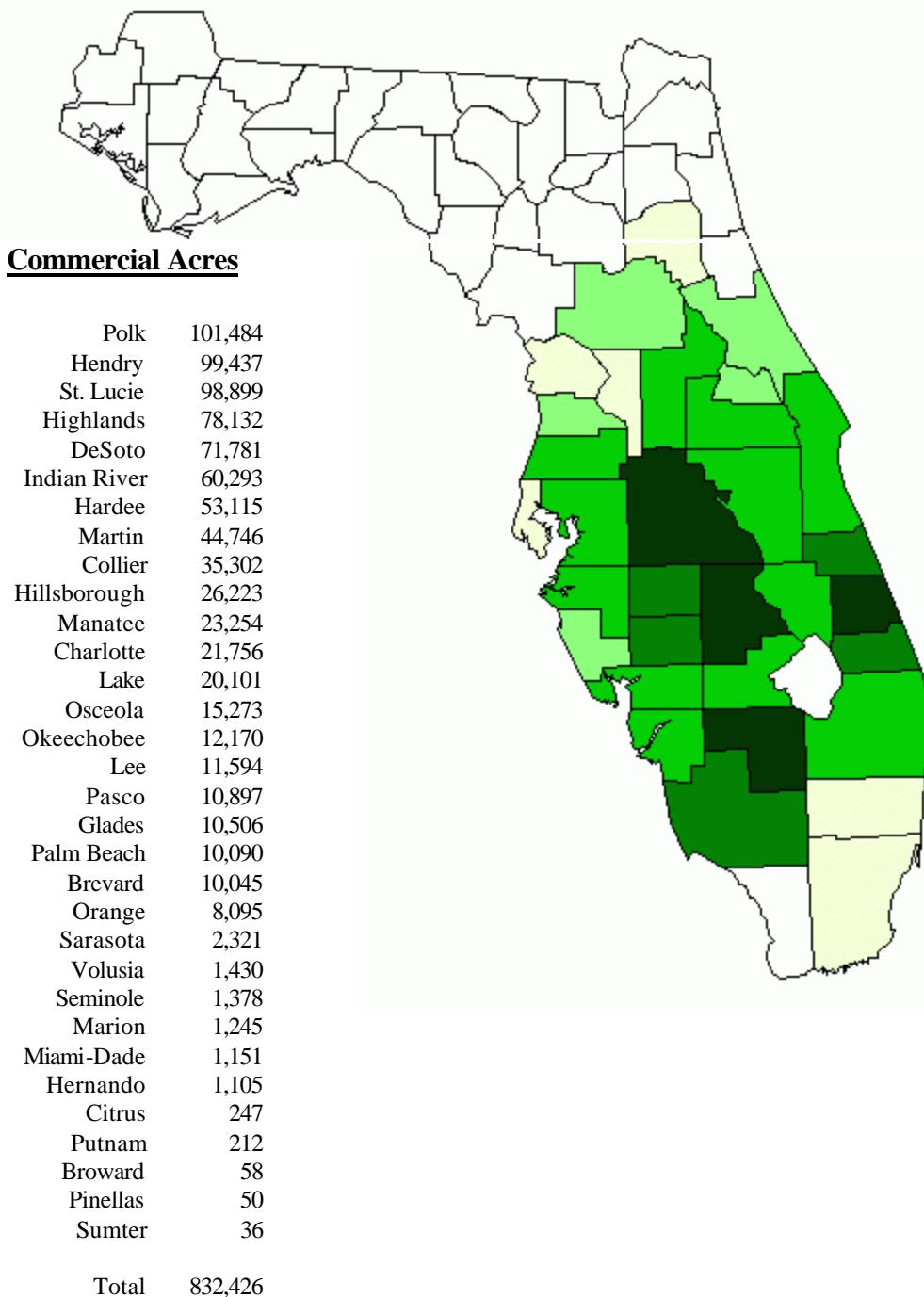


FIGURE 1. Commercial Citrus Acreage (Source: FLDACS, 2002)

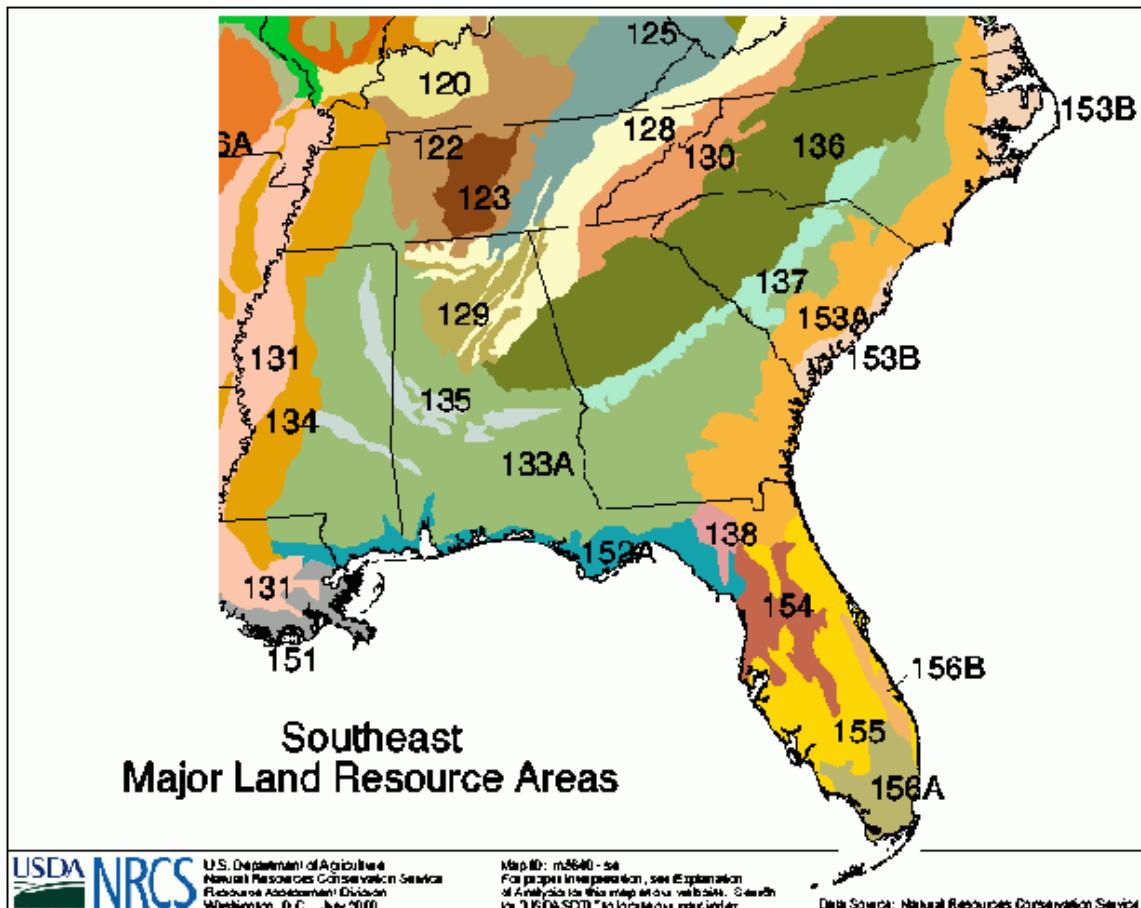


FIGURE 2. Southeast Major Land Resource Areas (source: USDA, 2002)

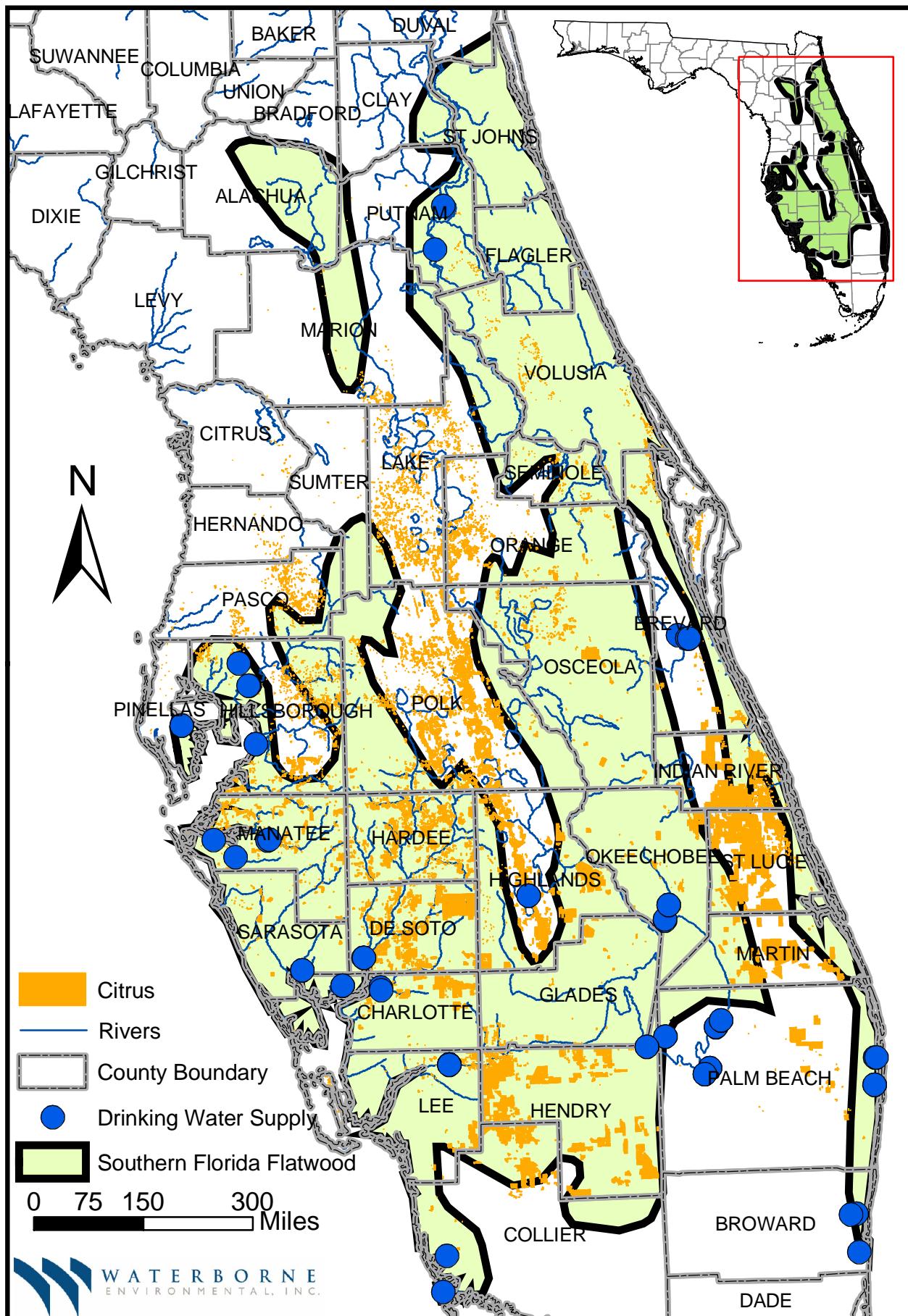


Figure 3. Surface water intakes and citrus production in the Southern Florida Flatwoods

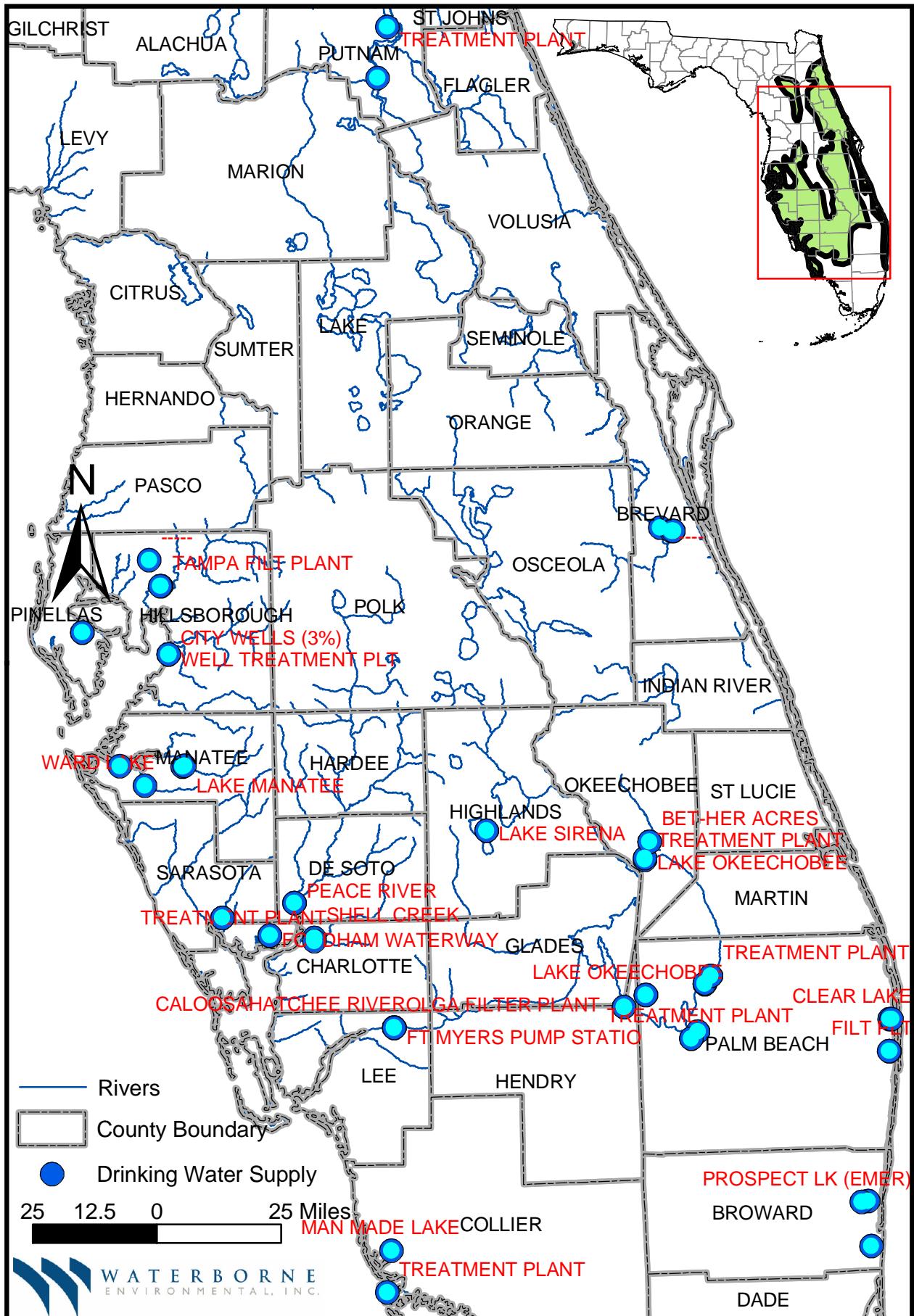


Figure 4. Surface water intakes locations and names

## APPENDIX A. Soils Surveyed for Fruit Production in the Southern Florida Flatwoods (MLRA 155)

### Glossary:

S5NAME	Soil series name
FIPS	Fips code
NRIPTR	Unique entry identifier in NRI database
HYDGRP	Hydrologic Soil Group
SURFTXT	Texture of surface horizon
LOSLOPE	Low value of field slope (%)
HISLOPE	High value of field slope (%)
AVGSLOPE	Midpoint value of field slope (%)
UKFACT	Universal Soil Loss Equation (USLE) Soil Erodibility Factor
USLE92	USLE soil loss (tons/year)
SANDL	Low value of sand content in surface horizon (%)
SANDH	High value of sand content in surface horizon (%)
SANDAV	Midpoint value of sand content in surface horizon (%)
CLAYL	Low value of clay content in surface horizon (%)
CLAYH	High value of clay content in surface horizon (%)
BDH	High value of bulk density in surface horizon
BDL	Low value of bulk density in surface horizon
OML	Low value of organic matter in surface horizon (%)
OMH	High value of organic matter in surface horizon (%)
OMAV	Midpoint value of organic matter in surface horizon (%)
ACRES	Acreage of survey point (calculated from NRI field XFACT*100)
CUM_AC	Cumulative acreage in ranked table
CUM_PCT	Cumulative percentage of acreage in ranked table

Soils Surveyed for "Fruit" Production in Southern Florida Flatwoods (MLRA 155) - Ranked by Runoff Potential

NRIPTR	SSNAME	SURFTXT	FIPS	HYDGRP	LOSLOPE	HISLOPE	AVGSLOPE	UKFACT	USLE92	SANDLOW	SANDHI	SANDAV	CLAYL	CLAYH	BDL	BDH	OML	OMH	OMAV	ACRES	CUM_AC	CUM_PCT
215830	HILOLO	LS	12111	D	0	2	1	0.15	0.11	75	87	81	5	13	1.4	1.6	1	5	3	800	800	0.14
215830	HILOLO	LS	12111	D	0	2	1	0.15	0.11	75	87	81	5	13	1.4	1.6	1	5	3	800	1,600	0.27
215879	FLORIDANA	FS	12085	D	0	2	1	0.1	0.01	75	95	85	3	10	1.4	1.5	6	15	10.5	500	2,100	0.36
216012	BRADENTON	FS	12049	D	0	2	1	0.1	0.61	88	95	91.5	1	6	1.3	1.5	2	8	5	700	2,800	0.48
215907	RIVIERA	FS	12085	D	0	2	1	0.1	0.05	88	96	92	1	6	1.4	1.65	0.1	2	1.05	500	3,300	0.56
215907	RIVIERA	FS	12085	D	0	2	1	0.1	0.06	88	96	92	1	6	1.4	1.65	0.1	2	1.05	500	3,800	0.65
215907	RIVIERA	FS	12085	D	0	2	1	0.1	0.06	88	96	92	1	6	1.4	1.65	0.1	2	1.05	500	4,300	0.73
215907	RIVIERA	FS	12085	D	0	2	1	0.1	0.01	88	96	92	1	6	1.4	1.65	0.1	2	1.05	900	5,200	0.89
215907	RIVIERA	FS	12085	D	0	2	1	0.1	0.07	88	96	92	1	6	1.4	1.65	0.1	2	1.05	500	5,700	0.97
215907	RIVIERA	FS	12085	D	0	2	1	0.1	0.01	88	96	92	1	6	1.4	1.65	0.1	2	1.05	1,000	6,700	1.14
215907	RIVIERA	FS	12085	D	0	2	1	0.1	0.01	88	96	92	1	6	1.4	1.65	0.1	2	1.05	500	7,200	1.23
215895	BOCA	FS	12021	D	0	2	1	0.1	0.15	88	98	93	0	2	1.3	1.55	1	3	2	3,500	10,700	1.83
215882	LAWNWOOD	FS	12085	D	0	2	1	0.1	0.06	90	98	94	0	2	1.3	1.55	1	3	2	500	11,200	1.91
215891	WAVELAND	FS	12085	D	0	2	1	0.1	0.07	90	98	94	0	1	1.3	1.6	1	3	2	500	11,700	2.00
215892	WAVELAND	S	12085	D	0	2	1	0.1	0.01	90	98	94	0	1	1.3	1.6	1	3	2	900	12,600	2.15
215885	HOLOPAW	S	12051	D	0	2	1	0.1	0.02	90	98	94	1	7	1.35	1.6	1	4	2.5	3,100	15,700	2.68
215815	PEPPER	S	12061	D	0	2	1	0.1	0.07	90	98	94	0	2	1.32	1.44	1	4	2.5	400	16,100	2.75
215558	ANKONA	S	12111	D	0	2	1	0.1	0.05	90	98	94	0	4	1.2	1.5	2	4	3	100	16,200	2.76
215558	ANKONA	S	12111	D	0	2	1	0.1	0.05	90	98	94	0	4	1.2	1.5	2	4	3	1,800	18,000	3.07
215558	ANKONA	S	12111	D	0	2	1	0.1	0.05	90	98	94	0	4	1.2	1.5	2	4	3	1,800	19,800	3.38
215558	ANKONA	S	12111	D	0	2	1	0.1	0.07	90	98	94	0	4	1.2	1.5	2	4	3	800	20,600	3.52
215494	RIVIERA	FS	12085	C/D	0	2	1	0.1	0.01	88	96	92	1	6	1.4	1.65	0.1	2	1.05	1,000	21,600	3.69
215494	RIVIERA	FS	12085	C/D	0	2	1	0.1	0.07	88	96	92	1	6	1.4	1.65	0.1	2	1.05	500	22,100	3.77
215494	RIVIERA	FS	12111	C/D	0	2	1	0.1	0.11	88	96	92	1	6	1.4	1.65	0.1	2	1.05	1,300	23,400	3.99
215494	RIVIERA	FS	12085	C/D	0	2	1	0.1	0.08	88	96	92	1	6	1.4	1.65	0.1	2	1.05	500	23,900	4.08
215494	RIVIERA	FS	12061	C/D	0	2	1	0.1	0.11	88	96	92	1	6	1.4	1.65	0.1	2	1.05	500	24,400	4.16
215494	RIVIERA	FS	12111	C/D	0	2	1	0.1	0.07	88	96	92	1	6	1.4	1.65	0.1	2	1.05	800	25,200	4.30
215494	RIVIERA	FS	12051	C/D	0	2	1	0.1	0.03	88	96	92	1	6	1.4	1.65	0.1	2	1.05	3,200	28,400	4.85
215494	RIVIERA	FS	12061	C/D	0	2	1	0.1	0.31	88	96	92	1	6	1.4	1.65	0.1	2	1.05	600	29,000	4.95
215494	RIVIERA	FS	12051	C/D	0	2	1	0.1	0.03	88	96	92	1	6	1.4	1.65	0.1	2	1.05	3,200	32,200	5.49
215494	RIVIERA	FS	12061	C/D	0	2	1	0.1	0.13	88	96	92	1	6	1.4	1.65	0.1	2	1.05	500	32,700	5.58
215494	RIVIERA	FS	12061	C/D	0	2	1	0.1	0.13	88	96	92	1	6	1.4	1.65	0.1	2	1.05	600	33,300	5.68
215494	RIVIERA	FS	12061	C/D	0	2	1	0.1	0.12	88	96	92	1	6	1.4	1.65	0.1	2	1.05	500	33,800	5.77
215496	RIVIERA	S	12111	C/D	0	2	1	0.1	0.01	88	96	92	1	6	1.4	1.65	0.1	2	1.05	1,000	34,800	5.94
215496	RIVIERA	S	12111	C/D	0	2	1	0.1	0.02	88	96	92	1	6	1.4	1.65	0.1	2	1.05	1,000	35,800	6.11
215496	RIVIERA	S	12111	C/D	0	2	1	0.1	0.06	88	96	92	1	6	1.4	1.65	0.1	2	1.05	800	36,600	6.25
215496	RIVIERA	S	12009	C/D	0	2	1	0.1	0.07	88	96	92	1	6	1.4	1.65	0.1	2	1.05	1,200	37,800	6.45
215496	RIVIERA	S	12099	C/D	0	2	1	0.1	0.58	88	96	92	1	6	1.4	1.65	0.1	2	1.05	500	38,300	6.54
215250	SPARR	S	12105	C	0	5	2.5	0.1	0.57	86	95	90.5	1	5	1.2	1.5	0.5	3	1.75	2,900	41,200	7.03
215244	SPARR	FS	12049	C	0	2	1	0.1	0.55	86	95	90.5	1	5	1.2	1.5	0.5	3	1.75	1,100	42,300	7.22
215244	SPARR	FS	12049	C	0	2	1	0.1	0.61	86	95	90.5	1	5	1.2	1.5	0.5	3	1.75	1,500	43,800	7.47
215932	ZOLFO	FS	12049	C	0	2	1	0.1	0.46	88	95	91.5	1	5	1.35	1.55	0.5	1	0.75	400	44,200	7.54
215932	ZOLFO	FS	12049	C	0	2	1	0.1	1.18	88	95	91.5	1	5	1.35	1.55	0.5	1	0.75	1,500	45,700	7.80
215932	ZOLFO	FS	12049	C	0	2	1	0.1	0.61	88	95	91.5	1	5	1.35	1.55	0.5	1	0.75	600	46,300	7.90
215932	ZOLFO	FS	12049	C	0	2	1	0.1	0.76	88	95	91.5	1	5	1.35	1.55	0.5	1	0.75	1,500	47,800	8.16

Soils Surveyed for "Fruit" Production in Southern Florida Flatwoods (MLRA 155) - Ranked by Runoff Potential

NRIPTR	SSNAME	SURFTXT	FIPS	HYDGRP	LOSLOPE	HISLOPE	AVGSLOPE	UKFACT	USLE92	SANDLOW	SANDHI	SANDAV	CLAYL	CLAYH	BDL	BDH	OML	OMH	OMAV	ACRES	CUM_AC	CUM_PCT
215932	ZOLFO	FS	12049	C	0	2	1	0.1	1.61	88	95	91.5	1	5	1.35	1.55	0.5	1	0.75	1,400	49,200	8.40
215932	ZOLFO	FS	12057	C	0	2	1	0.1	1.15	88	95	91.5	1	5	1.35	1.55	0.5	1	0.75	1,400	50,600	8.63
215932	ZOLFO	FS	12049	C	0	2	1	0.1	1.18	88	95	91.5	1	5	1.35	1.55	0.5	1	0.75	1,500	52,100	8.89
215932	ZOLFO	FS	12049	C	0	2	1	0.1	1.04	88	95	91.5	1	5	1.35	1.55	0.5	1	0.75	1,500	53,600	9.15
215932	ZOLFO	FS	12049	C	0	2	1	0.1	0.96	88	95	91.5	1	5	1.35	1.55	0.5	1	0.75	1,500	55,100	9.40
215932	ZOLFO	FS	12027	C	0	2	1	0.1	0.01	88	95	91.5	1	5	1.35	1.55	0.5	1	0.75	1,800	56,900	9.71
215932	ZOLFO	FS	12049	C	0	2	1	0.1	0.61	88	95	91.5	1	5	1.35	1.55	0.5	1	0.75	1,500	58,400	9.97
215932	ZOLFO	FS	12049	C	0	2	1	0.1	0.61	88	95	91.5	1	5	1.35	1.55	0.5	1	0.75	1,500	59,900	10.22
215932	ZOLFO	FS	12049	C	0	2	1	0.1	0.61	88	95	91.5	1	5	1.35	1.55	0.5	1	0.75	1,500	61,400	10.48
215932	ZOLFO	FS	12049	C	0	2	1	0.1	0.65	88	95	91.5	1	5	1.35	1.55	0.5	1	0.75	1,500	62,900	10.73
215350	ADAMSVILLE	FS	12049	C	0	2	1	0.1	0.01	88	95	91.5	1	8	1.35	1.65	0	2	1	1,300	64,200	10.96
215353	ADAMSVILLE	S	12097	C	0	2	1	0.1	0.51	88	95	91.5	1	8	1.35	1.65	0	2	1	3,100	67,300	11.48
215353	ADAMSVILLE	S	12097	C	0	2	1	0.1	0.51	88	95	91.5	1	8	1.35	1.65	0	2	1	100	67,400	11.50
215257	ELECTRA	S	12061	C	0	5	2.5	0.1	0.01	90	97	93.5	1	6	1.35	1.45	1	2	1.5	500	67,900	11.59
216131	SEFFNER	FS	12057	C	0	2	1	0.1	0.14	88	99	93.5	1	8	1.35	1.45	1	5	3	1,800	69,700	11.89
216131	SEFFNER	FS	12057	C	0	2	1	0.1	0.43	88	99	93.5	1	8	1.35	1.45	1	5	3	1,800	71,500	12.20
216131	SEFFNER	FS	12057	C	0	2	1	0.1	0.43	88	99	93.5	1	8	1.35	1.45	1	5	3	1,700	73,200	12.49
216131	SEFFNER	FS	12057	C	0	2	1	0.1	1.03	88	99	93.5	1	8	1.35	1.45	1	5	3	1,900	75,100	12.82
215543	POMELLO	FS	12051	C	0	5	2.5	0.1	0.62	92	99	95.5	0	2	1.35	1.65	0	1	0.5	2,600	77,700	13.26
215543	POMELLO	FS	12097	C	0	5	2.5	0.1	0.01	92	99	95.5	0	2	1.35	1.65	0	1	0.5	4,500	82,200	14.03
215634	CASSIA	FS	12097	C	0	2	1	0.1	0.02	93	98	95.5	1	4	1.3	1.55	0	1	0.5	1,200	83,400	14.23
215634	CASSIA	FS	12049	C	0	2	1	0.1	0.96	93	98	95.5	1	4	1.3	1.55	0	1	0.5	700	84,100	14.35
215634	CASSIA	FS	12049	C	0	2	1	0.1	0.61	93	98	95.5	1	4	1.3	1.55	0	1	0.5	700	84,800	14.47
215542	POMELLO	FS	12049	C	0	2	1	0.1	0.52	92	99	95.5	0	2	1.35	1.65	0	1	0.5	600	85,400	14.57
215542	POMELLO	FS	12081	C	0	2	1	0.1	0.06	92	99	95.5	0	2	1.35	1.65	0	1	0.5	2,600	88,000	15.02
215542	POMELLO	FS	12049	C	0	2	1	0.1	0.96	92	99	95.5	0	2	1.35	1.65	0	1	0.5	700	88,700	15.14
215542	POMELLO	FS	12049	C	0	2	1	0.1	0.61	92	99	95.5	0	2	1.35	1.65	0	1	0.5	600	89,300	15.24
215542	POMELLO	FS	12049	C	0	2	1	0.1	0.02	92	99	95.5	0	2	1.35	1.65	0	1	0.5	600	89,900	15.34
215542	POMELLO	FS	12049	C	0	2	1	0.1	0.61	92	99	95.5	0	2	1.35	1.65	0	1	0.5	700	90,600	15.46
215544	POMELLO	S	12009	C	0	2	1	0.1	0.09	92	99	95.5	0	2	1.35	1.65	0	1	0.5	1,200	91,800	15.67
215536	WINDER	LS	12111	B/D	0	2	1	0.15	0.06	75	88	81.5	6	8	1.45	1.65	0	0	0	1,300	93,100	15.89
215487	CHOBEE	LFS	12061	B/D	0	2	1	0.1	0.07	75	88	81.5	7	15	1.45	1.5	2	7	4.5	300	93,400	15.94
215487	CHOBEE	LFS	12061	B/D	0	2	1	0.1	0.03	75	88	81.5	7	15	1.45	1.5	2	7	4.5	600	94,000	16.04
215487	CHOBEE	LFS	12021	B/D	0	2	1	0.1	0.06	75	88	81.5	7	15	1.45	1.5	2	7	4.5	1,300	95,300	16.26
215487	CHOBEE	LFS	12021	B/D	0	2	1	0.1	0.02	75	88	81.5	7	15	1.45	1.5	2	7	4.5	1,300	96,600	16.48
215487	CHOBEE	LFS	12021	B/D	0	2	1	0.1	0.02	75	88	81.5	7	15	1.45	1.5	2	7	4.5	1,300	97,900	16.71
215489	CHOBEE	LS	12111	B/D	0	2	1	0.1	0.05	75	88	81.5	7	15	1.45	1.5	2	7	4.5	1,300	99,200	16.93
216124	WABASSO	S	12071	B/D	0	2	1	0.1	0.04	75	95	85	1	6	1.25	1.45	1	4	2.5	4,100	103,300	17.63
215663	DELRAY	FS	12081	B/D	0	2	1	0.1	0.04	80	95	87.5	3	13	1.35	1.45	2	5	3.5	2,600	105,900	18.07
215663	DELRAY	FS	12117	B/D	0	2	1	0.1	0.06	80	95	87.5	3	13	1.35	1.45	2	5	3.5	900	106,800	18.23
215707	MANATEE	LFS	12061	B/D	0	2	1	0.1	0.01	85	92	88.5	2	8	1.2	1.4	4	10	7	300	107,100	18.28
215707	MANATEE	LFS	12061	B/D	0	2	1	0.1	0.36	85	92	88.5	2	8	1.2	1.4	4	10	7	500	107,600	18.36
215707	MANATEE	LFS	12061	B/D	0	2	1	0.1	0.08	85	92	88.5	2	8	1.2	1.4	4	10	7	300	107,900	18.41
215993	BRADENTON	FS	12081	B/D	0	2	1	0.1	0.07	88	95	91.5	1	6	1.25	1.5	2	8	5	700	108,600	18.53
215993	BRADENTON	FS	12081	B/D	0	2	1	0.1	0.07	88	95	91.5	1	6	1.25	1.5	2	8	5	600	109,200	18.63

Soils Surveyed for "Fruit" Production in Southern Florida Flatwoods (MLRA 155) - Ranked by Runoff Potential

NRIPTR	SSNAME	SURFTXT	FIPS	HYDGRP	LOSLOPE	HISLOPE	AVGSLOPE	UKFACT	USLE92	SANDLOW	SANDHI	SANDAV	CLAYL	CLAYH	BDL	BDH	OML	OMH	OMAV	ACRES	CUM_AC	CUM_PCT
215533	WINDER	FS	12061	B/D	0	2	1	0.1	0.01	88	98	93	1	6	1.4	1.65	0.1	2	1.05	600	109,800	18.74
215533	WINDER	FS	12061	B/D	0	2	1	0.1	0.01	88	98	93	1	6	1.4	1.65	0.1	2	1.05	500	110,300	18.82
215533	WINDER	FS	12061	B/D	0	2	1	0.1	0.01	88	98	93	1	6	1.4	1.65	0.1	2	1.05	500	110,800	18.91
215533	WINDER	FS	12061	B/D	0	2	1	0.1	0.01	88	98	93	1	6	1.4	1.65	0.1	2	1.05	600	111,400	19.01
215533	WINDER	FS	12061	B/D	0	2	1	0.1	0.29	88	98	93	1	6	1.4	1.65	0.1	2	1.05	300	112,200	19.10
215533	WINDER	FS	12061	B/D	0	2	1	0.1	0.07	88	98	93	1	6	1.4	1.65	0.1	2	1.05	600	112,800	19.25
215533	WINDER	FS	12061	B/D	0	2	1	0.1	0.03	88	98	93	1	6	1.4	1.65	0.1	2	1.05	500	113,300	19.33
215533	WINDER	FS	12061	B/D	0	2	1	0.1	0.13	88	98	93	1	6	1.4	1.65	0.1	2	1.05	500	113,900	19.44
215533	WINDER	FS	12061	B/D	0	2	1	0.1	0.31	88	98	93	1	6	1.4	1.65	0.1	2	1.05	600	114,500	19.54
215533	WINDER	FS	12061	B/D	0	2	1	0.1	0.01	88	98	93	1	6	1.4	1.65	0.1	2	1.05	600	115,100	19.64
215533	WINDER	FS	12061	B/D	0	2	1	0.1	0.03	88	98	93	1	6	1.4	1.65	0.1	2	1.05	500	115,600	19.73
215537	WINDER	S	12111	B/D	0	2	1	0.1	0.05	88	98	93	1	6	1.4	1.65	0.1	2	1.05	800	116,400	19.86
215537	WINDER	S	12111	B/D	0	2	1	0.1	0.01	88	98	93	1	6	1.4	1.65	0.1	2	1.05	1,200	117,600	20.07
215537	WINDER	S	12111	B/D	0	2	1	0.1	0.05	88	98	93	1	6	1.4	1.65	0.1	2	1.05	800	118,400	20.20
215537	WINDER	S	12111	B/D	0	2	1	0.1	0.53	88	98	93	1	6	1.4	1.65	0.1	2	1.05	800	119,200	20.34
215537	WINDER	S	12111	B/D	0	2	1	0.1	0.07	88	98	93	1	6	1.4	1.65	0.1	2	1.05	800	120,000	20.48
215537	WINDER	S	12111	B/D	0	2	1	0.1	0.07	88	98	93	1	6	1.4	1.65	0.1	2	1.05	900	120,900	20.63
215537	WINDER	S	12085	B/D	0	2	1	0.1	0.06	88	98	93	1	6	1.4	1.65	0.1	2	1.05	400	121,300	20.70
215537	WINDER	S	12085	B/D	0	2	1	0.1	0.07	88	98	93	1	6	1.4	1.65	0.1	2	1.05	500	121,800	20.78
215537	WINDER	S	12085	B/D	0	2	1	0.1	0.09	88	98	93	1	6	1.4	1.65	0.1	2	1.05	500	122,300	20.87
215537	WINDER	S	12111	B/D	0	2	1	0.1	0.07	88	98	93	1	6	1.4	1.65	0.1	2	1.05	800	123,100	21.01
215537	WINDER	S	12085	B/D	0	2	1	0.1	0.05	88	98	93	1	6	1.4	1.65	0.1	2	1.05	500	123,600	21.09
215537	WINDER	S	12085	B/D	0	2	1	0.1	0.06	88	98	93	1	6	1.4	1.65	0.1	2	1.05	500	124,100	21.18
215537	WINDER	S	12111	B/D	0	2	1	0.1	0.14	88	98	93	1	6	1.4	1.65	0.1	2	1.05	800	124,900	21.31
215438	BOCA	FS	12071	B/D	0	2	1	0.1	1.12	88	98	93	1	5	1.3	1.55	1	3	2	900	125,800	21.47
215438	BOCA	FS	12071	B/D	0	2	1	0.1	0.04	88	98	93	1	5	1.3	1.55	1	3	2	4,100	129,900	22.17
215438	BOCA	FS	12085	B/D	0	2	1	0.1	0.01	88	98	93	1	5	1.3	1.55	1	3	2	500	130,400	22.25
215438	BOCA	FS	12051	B/D	0	2	1	0.1	0.02	88	98	93	1	5	1.3	1.55	1	3	2	3,000	133,400	22.76
215438	BOCA	FS	12061	B/D	0	2	1	0.1	0.01	88	98	93	1	5	1.3	1.55	1	3	2	400	133,800	22.83
215438	BOCA	FS	12051	B/D	0	2	1	0.1	0.06	88	98	93	1	5	1.3	1.55	1	3	2	3,200	137,000	23.38
215438	BOCA	FS	12051	B/D	0	2	1	0.1	0.93	88	98	93	1	5	1.3	1.55	1	3	2	3,200	140,200	23.92
215241	POMONA	FS	12049	B/D	0	2	1	0.1	1.01	88	98	93	1	6	1.1	1.5	1	4	2.5	1,500	141,700	24.18
215574	SMYRNA	FS	12049	B/D	0	2	1	0.1	0.96	88	98	93	1	6	1.35	1.45	1	5	3	1,500	143,200	24.44
215574	SMYRNA	FS	12049	B/D	0	2	1	0.1	0.96	88	98	93	1	6	1.35	1.45	1	5	3	1,600	144,800	24.71
215574	SMYRNA	FS	12049	B/D	0	2	1	0.1	0.96	88	98	93	1	6	1.35	1.45	1	5	3	1,500	146,300	24.97
215574	SMYRNA	FS	12097	B/D	0	2	1	0.1	0	88	98	93	1	6	1.35	1.45	1	5	3	3,100	149,400	25.49
215574	SMYRNA	FS	12097	B/D	0	2	1	0.1	0.01	88	98	93	1	6	1.35	1.45	1	5	3	1,400	150,800	25.73
215574	SMYRNA	FS	12097	B/D	0	2	1	0.1	0.56	88	98	93	1	6	1.35	1.45	1	5	3	3,100	153,900	26.26
215574	SMYRNA	FS	12097	B/D	0	2	1	0.1	0.01	88	98	93	1	6	1.35	1.45	1	5	3	3,100	157,000	26.79
215574	SMYRNA	FS	12049	B/D	0	2	1	0.1	0.58	88	98	93	1	6	1.35	1.45	1	5	3	1,500	158,500	27.05
215574	SMYRNA	FS	12097	B/D	0	2	1	0.1	0.01	88	98	93	1	6	1.35	1.45	1	5	3	1,300	159,800	27.27
215574	SMYRNA	FS	12049	B/D	0	2	1	0.1	0.02	88	98	93	1	6	1.35	1.45	1	5	3	1,500	161,300	27.53
215574	SMYRNA	FS	12049	B/D	0	2	1	0.1	0.65	88	98	93	1	6	1.35	1.45	1	5	3	1,500	162,800	27.78
215574	SMYRNA	FS	12027	B/D	0	2	1	0.1	0.02	88	98	93	1	6	1.35	1.45	1	5	3	1,800	164,600	28.09

Soils Surveyed for "Fruit" Production in Southern Florida Flatwoods (MLRA 155) - Ranked by Runoff Potential

NRIPTR	SSNAME	SURFTXT	FIPS	HYDGRP	LOSLOPE	HISLOPE	AVGSLOPE	UKFACT	USLE92	SANDLOW	SANDHI	SANDAV	CLAYL	CLAYH	BDL	BDH	OML	OMH	OMAV	ACRES	CUM_AC	CUM_PCT
215574	SMYRNA	FS	12027	B/D	0	2	1	0.1	0.36	88	98	93	1	6	1.35	1.45	1	5	3	1,700	166,300	28.38
215574	SMYRNA	FS	12027	B/D	0	2	1	0.1	0.36	88	98	93	1	6	1.35	1.45	1	5	3	1,600	167,900	28.65
215574	SMYRNA	FS	12027	B/D	0	2	1	0.1	0.54	88	98	93	1	6	1.35	1.45	1	5	3	1,800	169,700	28.96
215574	SMYRNA	FS	12027	B/D	0	2	1	0.1	0.54	88	98	93	1	6	1.35	1.45	1	5	3	1,700	171,400	29.25
215574	SMYRNA	FS	12049	B/D	0	2	1	0.1	0.76	88	98	93	1	6	1.35	1.45	1	5	3	1,600	173,000	29.52
215574	SMYRNA	FS	12049	B/D	0	2	1	0.1	0.96	88	98	93	1	6	1.35	1.45	1	5	3	1,400	174,400	29.76
215574	SMYRNA	FS	12049	B/D	0	2	1	0.1	0.61	88	98	93	1	6	1.35	1.45	1	5	3	600	175,000	29.86
215574	SMYRNA	FS	12049	B/D	0	2	1	0.1	0.65	88	98	93	1	6	1.35	1.45	1	5	3	1,500	176,500	30.12
215574	SMYRNA	FS	12049	B/D	0	2	1	0.1	0.65	88	98	93	1	6	1.35	1.45	1	5	3	1,500	178,000	30.38
215575	SMYRNA	S	12049	B/D	0	2	1	0.1	0.76	88	98	93	1	6	1.35	1.45	1	5	3	1,500	179,500	30.63
215677	ONA	FS	12057	B/D	0	2	1	0.1	0.31	90	97	93.5	1	7	1.4	1.55	1	5	3	700	180,200	30.75
215677	ONA	FS	12095	B/D	0	2	1	0.1	0.04	90	97	93.5	1	7	1.4	1.55	1	5	3	1,700	181,900	31.04
215677	ONA	FS	12081	B/D	0	2	1	0.1	0.1	90	97	93.5	1	7	1.4	1.55	1	5	3	2,600	184,500	31.48
215677	ONA	FS	12095	B/D	0	2	1	0.1	0.03	90	97	93.5	1	7	1.4	1.55	1	5	3	3,700	188,200	32.12
215677	ONA	FS	12049	B/D	0	2	1	0.1	0.61	90	97	93.5	1	7	1.4	1.55	1	5	3	1,500	189,700	32.37
215677	ONA	FS	12057	B/D	0	2	1	0.1	0.31	90	97	93.5	1	7	1.4	1.55	1	5	3	2,000	191,700	32.71
215677	ONA	FS	12049	B/D	0	2	1	0.1	1.18	90	97	93.5	1	7	1.4	1.55	1	5	3	1,500	193,200	32.97
215677	ONA	FS	12049	B/D	0	2	1	0.1	0.61	90	97	93.5	1	7	1.4	1.55	1	5	3	1,500	194,700	33.23
215677	ONA	FS	12049	B/D	0	2	1	0.1	0.58	90	97	93.5	1	7	1.4	1.55	1	5	3	1,500	196,200	33.48
215677	ONA	FS	12049	B/D	0	2	1	0.1	0.76	90	97	93.5	1	7	1.4	1.55	1	5	3	1,500	197,700	33.74
215340	POMPANO	S	12051	B/D	0	2	1	0.1	0.12	88	99	93.5	0	5	1.3	1.5	1	5	3	3,000	200,700	34.25
215678	ST. JOHNS	FS	12057	B/D	0	2	1	0.1	0.14	90	97	93.5	1	4	1.3	1.5	2	4	3	200	200,900	34.28
215678	ST. JOHNS	FS	12057	B/D	0	2	1	0.1	0.11	90	97	93.5	1	4	1.3	1.5	2	4	3	5,700	206,600	35.26
215678	ST. JOHNS	FS	12057	B/D	0	2	1	0.1	0.14	90	97	93.5	1	4	1.3	1.5	2	4	3	400	207,000	35.32
215678	ST. JOHNS	FS	12057	B/D	0	2	1	0.1	0.14	90	97	93.5	1	4	1.3	1.5	2	4	3	1,700	208,700	35.61
215693	CHARLOTTE	FS	12093	B/D	0	2	1	0.1	0.46	90	98	94	1	5	1.35	1.45	0	2	1	2,200	210,900	35.99
215472	IMMOKALEE	S	12051	B/D	0	5	2.5	0.1	0.46	90	98	94	1	5	1.2	1.5	1	2	1.5	3,100	214,000	36.52
215466	IMMOKALEE	FS	12027	B/D	0	2	1	0.1	0.01	90	98	94	1	5	1.2	1.5	1	2	1.5	1,800	215,800	36.83
215466	IMMOKALEE	FS	12027	B/D	0	2	1	0.1	0.54	90	98	94	1	5	1.2	1.5	1	2	1.5	1,800	217,600	37.13
215466	IMMOKALEE	FS	12049	B/D	0	2	1	0.1	0.58	90	98	94	1	5	1.2	1.5	1	2	1.5	1,500	219,100	37.39
215466	IMMOKALEE	FS	12027	B/D	0	2	1	0.1	0.54	90	98	94	1	5	1.2	1.5	1	2	1.5	1,800	220,900	37.70
215466	IMMOKALEE	FS	12117	B/D	0	2	1	0.1	0.05	90	98	94	1	5	1.2	1.5	1	2	1.5	1,100	222,000	37.88
215466	IMMOKALEE	FS	12027	B/D	0	2	1	0.1	0.58	90	98	94	1	5	1.2	1.5	1	2	1.5	1,800	223,800	38.19
215466	IMMOKALEE	FS	12021	B/D	0	2	1	0.1	0.05	90	98	94	1	5	1.2	1.5	1	2	1.5	4,900	228,700	39.03
215466	IMMOKALEE	FS	12021	B/D	0	2	1	0.1	1.02	90	98	94	1	5	1.2	1.5	1	2	1.5	4,900	233,600	39.86
215466	IMMOKALEE	FS	12021	B/D	0	2	1	0.1	0.05	90	98	94	1	5	1.2	1.5	1	2	1.5	4,900	238,500	40.70
215466	IMMOKALEE	FS	12021	B/D	0	2	1	0.1	0.04	90	98	94	1	5	1.2	1.5	1	2	1.5	4,900	243,400	41.54
215466	IMMOKALEE	FS	12027	B/D	0	2	1	0.1	0.79	90	98	94	1	5	1.2	1.5	1	2	1.5	1,700	245,100	41.83
215466	IMMOKALEE	FS	12021	B/D	0	2	1	0.1	0.03	90	98	94	1	5	1.2	1.5	1	2	1.5	1,400	246,500	42.06
215471	IMMOKALEE	S	12051	B/D	0	2	1	0.1	0.29	90	98	94	1	5	1.2	1.5	1	2	1.5	3,000	249,500	42.58
215471	IMMOKALEE	S	12055	B/D	0	2	1	0.1	0.03	90	98	94	1	5	1.2	1.5	1	2	1.5	1,300	250,800	42.80
215471	IMMOKALEE	S	12055	B/D	0	2	1	0.1	0.03	90	98	94	1	5	1.2	1.5	1	2	1.5	1,400	252,200	43.04
215471	IMMOKALEE	S	12015	B/D	0	2	1	0.1	0.04	90	98	94	1	5	1.2	1.5	1	2	1.5	5,100	257,300	43.91
215471	IMMOKALEE	S	12015	B/D	0	2	1	0.1	0.04	90	98	94	1	5	1.2	1.5	1	2	1.5	5,200	262,500	44.80
215471	IMMOKALEE	S	12009	B/D	0	2	1	0.1	0.06	90	98	94	1	5	1.2	1.5	1	2	1.5	1,100	263,600	44.98

Soils Surveyed for "Fruit" Production in Southern Florida Flatwoods (MLRA 155) - Ranked by Runoff Potential

NRIPTR	SSNAME	SURFTXT	FIPS	HYDGRP	LOSLOPE	HISLOPE	AVGSLOPE	UKFACT	USLE92	SANDLOW	SANDHI	SANDAV	CLAYL	CLAYH	BDL	BDH	OML	OMH	OMAV	ACRES	CUM_AC	CUM_PCT
215511	OLDSMAR	FS	12051	B/D	0	2	1	0.1	0.76	90	98	94	0	2	1.48	1.61	1	2	1.5	3,200	266,800	45.53
215511	OLDSMAR	FS	12061	B/D	0	2	1	0.1	0.08	90	98	94	0	2	1.48	1.61	1	2	1.5	400	267,200	45.60
215511	OLDSMAR	FS	12061	B/D	0	2	1	0.1	0.03	90	98	94	0	2	1.48	1.61	1	2	1.5	300	267,500	45.65
215511	OLDSMAR	FS	12061	B/D	0	2	1	0.1	0.03	90	98	94	0	2	1.48	1.61	1	2	1.5	400	267,900	45.72
215511	OLDSMAR	FS	12051	B/D	0	2	1	0.1	0.02	90	98	94	0	2	1.48	1.61	1	2	1.5	3,300	271,200	46.28
215511	OLDSMAR	FS	12085	B/D	0	2	1	0.1	0.06	90	98	94	0	2	1.48	1.61	1	2	1.5	500	271,700	46.37
215511	OLDSMAR	FS	12051	B/D	0	2	1	0.1	0.02	90	98	94	0	2	1.48	1.61	1	2	1.5	3,200	274,900	46.91
215511	OLDSMAR	FS	12021	B/D	0	2	1	0.1	0.06	90	98	94	0	2	1.48	1.61	1	2	1.5	1,400	276,300	47.15
215511	OLDSMAR	FS	12043	B/D	0	2	1	0.1	0.07	90	98	94	0	2	1.48	1.61	1	2	1.5	2,700	279,000	47.61
215511	OLDSMAR	FS	12021	B/D	0	2	1	0.1	0.2	90	98	94	0	2	1.48	1.61	1	2	1.5	1,400	280,400	47.85
215511	OLDSMAR	FS	12021	B/D	0	2	1	0.1	0.22	90	98	94	0	2	1.48	1.61	1	2	1.5	1,400	281,800	48.09
215511	OLDSMAR	FS	12043	B/D	0	2	1	0.1	0.07	90	98	94	0	2	1.48	1.61	1	2	1.5	2,700	284,500	48.55
215511	OLDSMAR	FS	12021	B/D	0	2	1	0.1	0.22	90	98	94	0	2	1.48	1.61	1	2	1.5	1,300	285,800	48.77
216078	OLDSMAR	S	12051	B/D	0	2	1	0.1	0	90	98	94	1	3	1.4	1.65	1	2	1.5	100	285,900	48.79
216078	OLDSMAR	S	12051	B/D	0	2	1	0.1	0	90	98	94	1	3	1.4	1.65	1	2	1.5	3,300	289,200	49.35
216078	OLDSMAR	S	12051	B/D	0	2	1	0.1	0.01	90	98	94	1	3	1.4	1.65	1	2	1.5	3,100	292,300	49.88
216118	PINEDA	FS	12051	B/D	0	1	0.5	0.15	0.03	90	98	94	1	3	1.4	1.65	1	2	1.5	3,000	295,300	50.39
216118	PINEDA	FS	12051	B/D	0	1	0.5	0.15	0.09	90	98	94	1	3	1.4	1.65	1	2	1.5	3,300	298,600	50.96
216118	PINEDA	FS	12051	B/D	0	1	0.5	0.15	1.39	90	98	94	1	3	1.4	1.65	1	2	1.5	3,300	301,900	51.52
215689	WAVELAND	FS	12085	B/D	0	2	1	0.1	0.08	90	98	94	0	1	1.3	1.6	1	3	2	500	302,400	51.60
215689	WAVELAND	FS	12085	B/D	0	2	1	0.1	0.07	90	98	94	0	1	1.3	1.6	1	3	2	500	302,900	51.69
215689	WAVELAND	FS	12081	B/D	0	2	1	0.1	0.06	90	98	94	0	1	1.3	1.6	1	3	2	2,700	305,600	52.15
215327	HOLOPAW	FS	12049	B/D	0	2	1	0.1	0.96	90	98	94	1	7	1.35	1.6	1	4	2.5	600	306,200	52.25
215327	HOLOPAW	FS	12021	B/D	0	2	1	0.1	0.03	90	98	94	1	7	1.35	1.6	1	4	2.5	1,400	307,600	52.49
215327	HOLOPAW	FS	12021	B/D	0	2	1	0.1	0.06	90	98	94	1	7	1.35	1.6	1	4	2.5	1,400	309,000	52.73
215328	HOLOPAW	S	12051	B/D	0	2	1	0.1	0	90	98	94	1	7	1.35	1.6	1	4	2.5	3,200	312,200	53.28
215328	HOLOPAW	S	12051	B/D	0	2	1	0.1	0	90	98	94	1	7	1.35	1.6	1	4	2.5	3,300	315,500	53.84
215328	HOLOPAW	S	12051	B/D	0	2	1	0.1	0.03	90	98	94	1	7	1.35	1.6	1	4	2.5	3,300	318,800	54.40
215328	HOLOPAW	S	12051	B/D	0	2	1	0.1	0	90	98	94	1	7	1.35	1.6	1	4	2.5	3,200	322,000	54.95
215328	HOLOPAW	S	12051	B/D	0	2	1	0.1	0	90	98	94	1	7	1.35	1.6	1	4	2.5	3,300	325,300	55.51
216165	HOLOPAW	S	12051	B/D	0	2	1	0.1	0.01	90	98	94	1	7	1.35	1.6	1	4	2.5	3,100	328,400	56.04
215675	MALABAR	FS	12051	B/D	0	2	1	0.1	0	90	98	94	0	4	1.35	1.55	1	4	2.5	3,000	331,400	56.55
215675	MALABAR	FS	12071	B/D	0	2	1	0.1	0.04	90	98	94	0	4	1.35	1.55	1	4	2.5	4,100	335,500	57.25
215676	MALABAR	S	12085	B/D	0	2	1	0.1	0.08	90	98	94	0	4	1.35	1.55	1	4	2.5	500	336,000	57.34
216080	PUNTA	FS	12071	B/D	0	2	1	0.1	0.68	90	98	94	0	4	1.35	1.5	1	4	2.5	600	336,600	57.44
215713	SALERNO	S	12085	B/D	0	2	1	0.1	0.01	90	98	94	1	4	1.35	1.5	1	4	2.5	700	337,300	57.56
215713	SALERNO	S	12085	B/D	0	2	1	0.1	0.07	90	98	94	1	4	1.35	1.5	1	4	2.5	400	337,700	57.63
215684	VALKARIA	FS	12027	B/D	0	2	1	0.1	0.71	90	98	94	1	3	1.35	1.5	1	4	2.5	1,800	339,500	57.94
215684	VALKARIA	FS	12027	B/D	0	2	1	0.1	0.71	90	98	94	1	3	1.35	1.5	1	4	2.5	1,800	341,300	58.24
215684	VALKARIA	FS	12027	B/D	0	2	1	0.1	0.58	90	98	94	1	3	1.35	1.5	1	4	2.5	1,700	343,000	58.53
215684	VALKARIA	FS	12027	B/D	0	2	1	0.1	0.54	90	98	94	1	3	1.35	1.5	1	4	2.5	1,800	344,800	58.84
215684	VALKARIA	FS	12027	B/D	0	2	1	0.1	0.54	90	98	94	1	3	1.35	1.5	1	4	2.5	1,800	346,600	59.15
215685	VALKARIA	S	12009	B/D	0	2	1	0.1	0.06	90	98	94	1	3	1.35	1.5	1	4	2.5	1,400	348,000	59.39
215531	WABASSO	FS	12061	B/D	0	2	1	0.1	0.01	90	98	94	1	5	1.25	1.5	1	4	2.5	500	348,500	59.47
215531	WABASSO	FS	12081	B/D	0	2	1	0.1	0.1	90	98	94	1	5	1.25	1.5	1	4	2.5	1,400	349,900	59.71

Soils Surveyed for "Fruit" Production in Southern Florida Flatwoods (MLRA 155) - Ranked by Runoff Potential

NRIPTR	SSNAME	SURFTXT	FIPS	HYDGRP	LOSLOPE	HISLOPE	AVGSLOPE	UKFACT	USLE92	SANDLOW	SANDHI	SANDAV	CLAYL	CLAYH	BDL	BDH	OML	OMH	OMAV	ACRES	CUM_AC	CUM_PCT
215531	WABASSO	FS	12061	B/D	0	2	1	0.1	0.01	90	98	94	1	5	1.25	1.5	1	4	2.5	500	350,400	59.80
215531	WABASSO	FS	12061	B/D	0	2	1	0.1	0.01	90	98	94	1	5	1.25	1.5	1	4	2.5	500	350,900	59.88
215531	WABASSO	FS	12061	B/D	0	2	1	0.1	0.01	90	98	94	1	5	1.25	1.5	1	4	2.5	400	351,300	59.95
215531	WABASSO	FS	12061	B/D	0	2	1	0.1	0.01	90	98	94	1	5	1.25	1.5	1	4	2.5	500	351,800	60.03
215531	WABASSO	FS	12061	B/D	0	2	1	0.1	0.1	90	98	94	1	5	1.25	1.5	1	4	2.5	500	352,300	60.12
215531	WABASSO	FS	12021	B/D	0	2	1	0.1	1.02	90	98	94	1	5	1.25	1.5	1	4	2.5	4,700	357,000	60.92
215531	WABASSO	FS	12061	B/D	0	2	1	0.1	0.01	90	98	94	1	5	1.25	1.5	1	4	2.5	500	357,500	61.01
215532	WABASSO	S	12111	B/D	0	2	1	0.1	0.11	90	98	94	1	5	1.25	1.5	1	4	2.5	1,300	358,800	61.23
215532	WABASSO	S	12111	B/D	0	2	1	0.1	0.04	90	98	94	1	5	1.25	1.5	1	4	2.5	1,200	360,000	61.43
215532	WABASSO	S	12111	B/D	0	2	1	0.1	0.03	90	98	94	1	5	1.25	1.5	1	4	2.5	600	360,600	61.54
215532	WABASSO	S	12111	B/D	0	2	1	0.1	0.01	90	98	94	1	5	1.25	1.5	1	4	2.5	900	361,500	61.69
215532	WABASSO	S	12085	B/D	0	2	1	0.1	0.07	90	98	94	1	5	1.25	1.5	1	4	2.5	500	362,000	61.77
215532	WABASSO	S	12015	B/D	0	2	1	0.1	0.04	90	98	94	1	5	1.25	1.5	1	4	2.5	5,300	367,300	62.68
215532	WABASSO	S	12051	B/D	0	2	1	0.1	0.04	90	98	94	1	5	1.25	1.5	1	4	2.5	3,300	370,600	63.24
215532	WABASSO	S	12085	B/D	0	2	1	0.1	0.05	90	98	94	1	5	1.25	1.5	1	4	2.5	500	371,100	63.33
215532	WABASSO	S	12015	B/D	0	2	1	0.1	0.04	90	98	94	1	5	1.25	1.5	1	4	2.5	5,200	376,300	64.22
215532	WABASSO	S	12051	B/D	0	2	1	0.1	0.02	90	98	94	1	5	1.25	1.5	1	4	2.5	3,000	379,300	64.73
215532	WABASSO	S	12085	B/D	0	2	1	0.1	0.07	90	98	94	1	5	1.25	1.5	1	4	2.5	500	379,800	64.81
215474	MYAKKA	FS	12057	B/D	0	2	1	0.1	0.14	90	98	94	1	3	1.25	1.45	2	5	3.5	5,700	385,500	65.78
215474	MYAKKA	FS	12057	B/D	0	2	1	0.1	0.14	90	98	94	1	3	1.25	1.45	2	5	3.5	5,700	391,200	66.76
215474	MYAKKA	FS	12061	B/D	0	2	1	0.1	0.34	90	98	94	1	3	1.25	1.45	2	5	3.5	600	391,800	66.86
215474	MYAKKA	FS	12117	B/D	0	2	1	0.1	0.1	90	98	94	1	3	1.25	1.45	2	5	3.5	1,200	393,000	67.06
215474	MYAKKA	FS	12081	B/D	0	2	1	0.1	0.08	90	98	94	1	3	1.25	1.45	2	5	3.5	2,600	395,600	67.51
215474	MYAKKA	FS	12049	B/D	0	2	1	0.1	0.61	90	98	94	1	3	1.25	1.45	2	5	3.5	700	396,300	67.63
215474	MYAKKA	FS	12105	B/D	0	2	1	0.1	0.84	90	98	94	1	3	1.25	1.45	2	5	3.5	20,400	416,700	71.11
215474	MYAKKA	FS	12093	B/D	0	2	1	0.1	0.66	90	98	94	1	3	1.25	1.45	2	5	3.5	2,100	418,800	71.47
215474	MYAKKA	FS	12057	B/D	0	2	1	0.1	0.43	90	98	94	1	3	1.25	1.45	2	5	3.5	1,800	420,600	71.77
215474	MYAKKA	FS	12049	B/D	0	2	1	0.1	0.61	90	98	94	1	3	1.25	1.45	2	5	3.5	1,500	422,100	72.03
215474	MYAKKA	FS	12021	B/D	0	2	1	0.1	0.07	90	98	94	1	3	1.25	1.45	2	5	3.5	1,400	423,500	72.27
215474	MYAKKA	FS	12049	B/D	0	2	1	0.1	0.76	90	98	94	1	3	1.25	1.45	2	5	3.5	1,500	425,000	72.53
215474	MYAKKA	FS	12021	B/D	0	2	1	0.1	0.94	90	98	94	1	3	1.25	1.45	2	5	3.5	1,300	426,300	72.75
215474	MYAKKA	FS	12021	B/D	0	2	1	0.1	0.06	90	98	94	1	3	1.25	1.45	2	5	3.5	1,300	427,600	72.97
215474	MYAKKA	FS	12027	B/D	0	2	1	0.1	0.02	90	98	94	1	3	1.25	1.45	2	5	3.5	1,700	429,300	73.26
215474	MYAKKA	FS	12049	B/D	0	2	1	0.1	1	90	98	94	1	3	1.25	1.45	2	5	3.5	1,500	430,800	73.52
215474	MYAKKA	FS	12049	B/D	0	2	1	0.1	0.61	90	98	94	1	3	1.25	1.45	2	5	3.5	600	431,400	73.62
215474	MYAKKA	FS	12021	B/D	0	2	1	0.1	0.06	90	98	94	1	3	1.25	1.45	2	5	3.5	1,500	432,900	73.87
215474	MYAKKA	FS	12049	B/D	0	2	1	0.1	0.61	90	98	94	1	3	1.25	1.45	2	5	3.5	600	433,500	73.98
215477	MYAKKA	S	12099	B/D	0	2	1	0.1	0.06	90	98	94	1	3	1.25	1.45	2	5	3.5	100	433,600	73.99
215477	MYAKKA	S	12111	B/D	0	2	1	0.1	0.11	90	98	94	1	3	1.25	1.45	2	5	3.5	1,200	434,800	74.20
215477	MYAKKA	S	12099	B/D	0	2	1	0.1	0.06	90	98	94	1	3	1.25	1.45	2	5	3.5	100	434,900	74.22
215477	MYAKKA	S	12009	B/D	0	2	1	0.1	0.09	90	98	94	1	3	1.25	1.45	2	5	3.5	1,100	436,000	74.40
215477	MYAKKA	S	12099	B/D	0	2	1	0.1	0.06	90	98	94	1	3	1.25	1.45	2	5	3.5	400	436,400	74.47
215477	MYAKKA	S	12099	B/D	0	2	1	0.1	0.06	90	98	94	1	3	1.25	1.45	2	5	3.5	400	436,800	74.54
215477	MYAKKA	S	12051	B/D	0	2	1	0.1	0.01	90	98	94	1	3	1.25	1.45	2	5	3.5	3,300	440,100	75.10
215477	MYAKKA	S	12099	B/D	0	2	1	0.1	0.05	90	98	94	1	3	1.25	1.45	2	5	3.5	400	440,500	75.17

Soils Surveyed for "Fruit" Production in Southern Florida Flatwoods (MLRA 155) - Ranked by Runoff Potential

NRIPTR	SSNAME	SURFTXT	FIPS	HYDGRP	LOSLOPE	HISLOPE	AVGSLOPE	UKFACT	USLE92	SANDLOW	SANDHI	SANDAV	CLAYL	CLAYH	BDL	BDH	OML	OMH	OMAV	ACRES	CUM_AC	CUM_PCT
215939	ELRED	FS	12093	B/D	0	2	1	0.1	0.66	90	99	94.5	1	8	1.3	1.6	0.5	6	3.25	2,100	442,600	75.53
215548	PINEDA	FS	12061	B/D	0	2	1	0.1	0.06	92	98	95	1	6	1.25	1.6	0.5	6	3.25	500	443,100	75.61
215548	PINEDA	FS	12061	B/D	0	2	1	0.1	0.01	92	98	95	1	6	1.25	1.6	0.5	6	3.25	500	443,600	75.70
215548	PINEDA	FS	12061	B/D	0	2	1	0.1	0.06	92	98	95	1	6	1.25	1.6	0.5	6	3.25	400	444,000	75.77
215548	PINEDA	FS	12085	B/D	0	2	1	0.1	0.08	92	98	95	1	6	1.25	1.6	0.5	6	3.25	500	444,500	75.85
215548	PINEDA	FS	12085	B/D	0	2	1	0.1	0.07	92	98	95	1	6	1.25	1.6	0.5	6	3.25	500	445,000	75.94
215548	PINEDA	FS	12051	B/D	0	2	1	0.1	0.03	92	98	95	1	6	1.25	1.6	0.5	6	3.25	3,200	448,200	76.48
215548	PINEDA	FS	12061	B/D	0	2	1	0.1	0.07	92	98	95	1	6	1.25	1.6	0.5	6	3.25	600	448,800	76.59
215548	PINEDA	FS	12061	B/D	0	2	1	0.1	0.07	92	98	95	1	6	1.25	1.6	0.5	6	3.25	500	449,300	76.67
215548	PINEDA	FS	12043	B/D	0	2	1	0.1	0.01	92	98	95	1	6	1.25	1.6	0.5	6	3.25	2,600	451,900	77.12
215548	PINEDA	FS	12051	B/D	0	2	1	0.1	0.03	92	98	95	1	6	1.25	1.6	0.5	6	3.25	3,200	455,100	77.66
215548	PINEDA	FS	12051	B/D	0	2	1	0.1	0.02	92	98	95	1	6	1.25	1.6	0.5	6	3.25	3,200	458,300	78.21
215548	PINEDA	FS	12051	B/D	0	2	1	0.1	0.03	92	98	95	1	6	1.25	1.6	0.5	6	3.25	3,100	461,400	78.74
215549	PINEDA	S	12111	B/D	0	2	1	0.1	0.05	92	98	95	1	6	1.25	1.6	0.5	6	3.25	1,100	462,500	78.92
215549	PINEDA	S	12111	B/D	0	2	1	0.1	0.07	92	98	95	1	6	1.25	1.6	0.5	6	3.25	1,100	463,600	79.11
215549	PINEDA	S	12111	B/D	0	2	1	0.1	0.11	92	98	95	1	6	1.25	1.6	0.5	6	3.25	800	464,400	79.25
215549	PINEDA	S	12111	B/D	0	2	1	0.1	0.05	92	98	95	1	6	1.25	1.6	0.5	6	3.25	1,300	465,700	79.47
215549	PINEDA	S	12085	B/D	0	2	1	0.1	0.01	92	98	95	1	6	1.25	1.6	0.5	6	3.25	1,000	466,700	79.64
215499	PINEDA	S	12111	B/D	0	2	1	0.1	0.13	92	98	95	1	6	1.25	1.6	0.5	6	3.25	800	467,500	79.78
215499	HALLANDALE	FS	12021	B/D	0	2	1	0.1	0.03	94	98	96	0	3	1.2	1.45	1	2	1.5	1,400	468,900	80.02
216127	RIVIERA	S	12051	B/D	0	2	1	0.1	0.03	95	98	96.5	1	5	1.2	1.45	0.5	4	2.25	3,300	472,200	80.58
216127	RIVIERA	S	12051	B/D	0	2	1	0.1	0.03	95	98	96.5	1	5	1.2	1.45	0.5	4	2.25	3,300	475,500	81.14
216127	RIVIERA	S	12051	B/D	0	2	1	0.1	0.03	95	98	96.5	1	5	1.2	1.45	0.5	4	2.25	3,300	478,800	81.71
216127	RIVIERA	S	12051	B/D	0	2	1	0.1	0.57	95	98	96.5	1	5	1.2	1.45	0.5	4	2.25	3,100	481,900	82.24
216127	RIVIERA	S	12051	B/D	0	2	1	0.1	0.03	95	98	96.5	1	5	1.2	1.45	0.5	4	2.25	3,200	485,100	82.78
215840	POPLE	S	12111	B/D	0	2	1	0.1	0.04	95	98	96.5	2	6	1.25	1.45	0.5	6	3.25	1,300	486,400	83.00
215703	EAUGALLIE	FS	12115	B/D	0	2	1	0.1	0.08	95	98	96.5	0	5	1.25	1.5	2	8	5	1,000	487,400	83.17
215703	EAUGALLIE	FS	12115	B/D	0	2	1	0.1	0.06	95	98	96.5	0	5	1.25	1.5	2	8	5	1,100	488,500	83.36
215703	EAUGALLIE	FS	12115	B/D	0	2	1	0.1	0.07	95	98	96.5	0	5	1.25	1.5	2	8	5	1,100	489,600	83.55
215703	EAUGALLIE	FS	12081	B/D	0	2	1	0.1	0.09	95	98	96.5	0	5	1.25	1.5	2	8	5	2,600	492,200	83.99
215703	EAUGALLIE	FS	12061	B/D	0	2	1	0.1	0.07	95	98	96.5	0	5	1.25	1.5	2	8	5	200	492,400	84.03
215703	EAUGALLIE	FS	12061	B/D	0	2	1	0.1	0.09	95	98	96.5	0	5	1.25	1.5	2	8	5	300	492,700	84.08
215703	EAUGALLIE	FS	12027	B/D	0	2	1	0.1	0.54	95	98	96.5	0	5	1.25	1.5	2	8	5	1,700	494,400	84.37
215703	EAUGALLIE	FS	12061	B/D	0	2	1	0.1	0.06	95	98	96.5	0	5	1.25	1.5	2	8	5	200	494,600	84.40
215546	PINELLAS	FS	12085	B/D	0	2	1	0.1	0.01	96	98	97	1	3	1.15	1.5	1	4	2.5	900	495,500	84.56
215546	PINELLAS	FS	12085	B/D	0	2	1	0.1	0.01	96	98	97	1	3	1.15	1.5	1	4	2.5	1,000	496,500	84.73
215491	BASINGER	FS	12099	B/D	0	2	1	0.1	0.04	96	99	97.5	0	4	1.4	1.55	0.5	2	1.25	300	496,800	84.78
215491	BASINGER	FS	12117	B/D	0	2	1	0.1	0.06	96	99	97.5	0	4	1.4	1.55	0.5	2	1.25	800	497,600	84.91
215491	BASINGER	FS	12027	B/D	0	2	1	0.1	0.54	96	99	97.5	0	4	1.4	1.55	0.5	2	1.25	1,800	499,400	85.22
215491	BASINGER	FS	12027	B/D	0	2	1	0.1	0.54	96	99	97.5	0	4	1.4	1.55	0.5	2	1.25	1,800	501,200	85.53
215491	BASINGER	FS	12085	B/D	0	2	1	0.1	0.08	96	99	97.5	0	4	1.4	1.55	0.5	2	1.25	500	501,700	85.61
215492	BASINGER	S	12051	B/D	0	2	1	0.1	0.02	96	99	97.5	0	4	1.4	1.55	0.5	2	1.25	3,200	504,900	86.16
215492	BASINGER	S	12009	B/D	0	2	1	0.1	0.06	96	99	97.5	0	4	1.4	1.55	0.5	2	1.25	1,400	506,300	86.40
215492	BASINGER	S	12051	B/D	0	2	1	0.1	0.01	96	99	97.5	0	4	1.4	1.55	0.5	2	1.25	3,300	509,600	86.96
215492	BASINGER	S	12051	B/D	0	2	1	0.1	0.01	96	99	97.5	0	4	1.4	1.55	0.5	2	1.25	3,400	513,000	87.54

Soils Surveyed for "Fruit" Production in Southern Florida Flatwoods (MLRA 155) - Ranked by Runoff Potential

NRIPTR	SSNAME	SURFTXT	FIPS	HYDGRP	LOSLOPE	HISLOPE	AVGSLOPE	UKFACT	USLE92	SANDLOW	SANDHI	SANDAV	CLAYL	CLAYH	BDL	BDH	OML	OMH	OMAV	ACRES	CUM_AC	CUM_PCT	
215540	TEQUESTA	MUCK	12085	B/D	0	2	1	0	0	100	100	100	0	3	1.3	1.55	1	2	1.5	500	513,500	87.63	
215712	JONATHAN	S	12085	B	0	5	2.5	0.1	0.06	96	99	97.5	0	3	1.3	1.55	1	2	1.5	500	514,000	87.71	
215711	JONATHAN	FS	12049	B	0	2	1	0.1	1.01	96	99	97.5	0	3	1.3	1.55	1	2	1.5	700	514,700	87.83	
215343	GAINESVILLE	LFS	12057	A	0	5	2.5	0.15	0.17	79	75	87	79.5	4	10	1.4	1.55	2	4	3	2,200	516,900	88.21
215671	FORT MEADE	LFS	12057	A	0	5	2.5	0.15	2.79	75	87	81	3	13	1.15	1.55	1	5	3	1,000	517,900	88.38	
215671	FORT MEADE	LFS	12057	A	0	5	2.5	0.15	2.79	75	87	81	3	13	1.15	1.55	1	5	3	1,600	519,500	88.65	
215671	FORT MEADE	LFS	12057	A	0	5	2.5	0.15	2.79	75	87	81	3	13	1.15	1.55	1	5	3	1,500	521,000	88.91	
215484	COCOA	FS	12071	A	0	2	1	0.1	0.68	85	96	90.5	2	5	1.35	1.6	1	3	2	1,000	522,000	89.08	
215645	LAKE	FS	12057	A	0	5	2.5	0.1	2.48	88	95	91.5	1	3	1.45	1.65	0.5	1	0.75	1,700	523,700	89.37	
215311	APOPKA	FS	12117	A	0	5	2.5	0.1	1.03	90	97	93.5	0	3	1.45	1.6	0	2	1	1,500	525,200	89.62	
215311	APOPKA	FS	12117	A	0	5	2.5	0.1	1.03	90	97	93.5	0	3	1.45	1.6	0	2	1	100	525,300	89.64	
215311	APOPKA	FS	12049	A	0	5	2.5	0.1	2	90	97	93.5	0	3	1.45	1.6	0	2	1	600	525,900	89.74	
215311	APOPKA	FS	12105	A	0	5	2.5	0.1	1.84	90	97	93.5	0	3	1.45	1.6	0	2	1	1,400	527,300	89.98	
215311	APOPKA	FS	12049	A	0	5	2.5	0.1	0.61	90	97	93.5	0	3	1.45	1.6	0	2	1	1,600	528,900	90.26	
215314	APOPKA	S	12117	A	0	5	2.5	0.1	0.04	90	97	93.5	0	3	1.45	1.6	0	2	1	300	529,200	90.31	
215999	FLORAHOME	FS	12081	A	0	2	1	0.1	0.08	88	99	93.5	1	8	1.35	1.45	1	5	3	800	530,000	90.44	
215694	ORLANDO	FS	12057	A	0	2	1	0.1	0.14	88	99	93.5	1	8	1.35	1.45	1	5	3	1,800	531,800	90.75	
216143	QUARTZIPSAMENTS	FS	12009	A	0	5	2.5	0.1	0.07	90	98	94	1	3	1.5	1.65	0	0.5	0.25	1,100	532,900	90.94	
215301	TAVARES	FS	12097	A	0	5	2.5	0.1	0.42	90	98	94	0	4	1.25	1.65	0.5	2	1.25	200	533,100	90.97	
215301	TAVARES	FS	12101	A	0	5	2.5	0.1	0.27	90	98	94	0	4	1.25	1.65	0.5	2	1.25	900	534,000	91.13	
215301	TAVARES	FS	12127	A	0	5	2.5	0.1	0.16	90	98	94	0	4	1.25	1.65	0.5	2	1.25	1,000	535,000	91.30	
215301	TAVARES	FS	12101	A	0	5	2.5	0.1	0.27	90	98	94	0	4	1.25	1.65	0.5	2	1.25	900	535,900	91.45	
215301	TAVARES	FS	12105	A	0	5	2.5	0.1	1.19	90	98	94	0	4	1.25	1.65	0.5	2	1.25	9,900	545,800	93.14	
215301	TAVARES	FS	12097	A	0	5	2.5	0.1	0.02	90	98	94	0	4	1.25	1.65	0.5	2	1.25	3,000	548,800	93.65	
215301	TAVARES	FS	12081	A	0	5	2.5	0.1	0.1	90	98	94	0	4	1.25	1.65	0.5	2	1.25	2,600	551,400	94.10	
215301	TAVARES	FS	12027	A	0	5	2.5	0.1	1.63	90	98	94	0	4	1.25	1.65	0.5	2	1.25	1,800	553,200	94.40	
215301	TAVARES	FS	12009	A	0	5	2.5	0.1	0.07	90	98	94	0	4	1.25	1.65	0.5	2	1.25	1,100	554,300	94.59	
215301	TAVARES	FS	12027	A	0	5	2.5	0.1	1.37	90	98	94	0	4	1.25	1.65	0.5	2	1.25	1,700	556,000	94.88	
215301	TAVARES	FS	12049	A	0	5	2.5	0.1	0.61	90	98	94	0	4	1.25	1.65	0.5	2	1.25	600	556,600	94.98	
215301	TAVARES	FS	12049	A	0	5	2.5	0.1	0.61	90	98	94	0	4	1.25	1.65	0.5	2	1.25	1,500	558,100	95.24	
215301	TAVARES	FS	12049	A	0	5	2.5	0.1	0.76	90	98	94	0	4	1.25	1.65	0.5	2	1.25	1,600	559,700	95.51	
215305	TAVARES	S	12001	A	0	5	2.5	0.1	5.02	90	98	94	0	4	1.25	1.65	0.5	2	1.25	3,500	563,200	96.11	
215305	TAVARES	S	12069	A	0	5	2.5	0.1	0.12	90	98	94	0	4	1.25	1.65	0.5	2	1.25	1,300	564,500	96.33	
215298	TAVARES	FS	12027	A	0	2	1	0.1	0.01	90	98	94	0	4	1.25	1.65	0.5	2	1.25	1,700	566,200	96.62	
215218	CANDLER	FS	12057	A	0	5	2.5	0.1	2.29	92	98	95	0	3	1.35	1.55	0.5	2	1.25	1,900	568,100	96.95	
215218	CANDLER	FS	12105	A	0	5	2.5	0.1	0.84	92	98	95	0	3	1.35	1.55	0.5	2	1.25	9,800	577,900	98.62	
215218	CANDLER	FS	12057	A	0	5	2.5	0.1	2.65	92	98	95	0	3	1.35	1.55	0.5	2	1.25	2,700	580,600	99.08	
215218	CANDLER	FS	12057	A	0	5	2.5	0.1	1.86	92	98	95	0	3	1.35	1.55	0.5	2	1.25	1,500	582,100	99.33	
215223	CANDLER	S	12069	A	0	5	2.5	0.1	0.43	92	98	95	0	3	1.35	1.55	0.5	2	1.25	900	583,000	99.49	
215223	CANDLER	S	12097	A	0	5	2.5	0.1	0.03	92	98	95	0	3	1.35	1.55	0.5	2	1.25	3,000	586,000	100.00	